

Title (en)

Gas turbine combustor and gas turbine

Title (de)

Gasturbinenbrennkammer und Gasturbine

Title (fr)

Appareil de combustion pour turbine à gaz et turbine à gaz

Publication

**EP 0753704 B1 20050202 (EN)**

Application

**EP 96111206 A 19960711**

Priority

JP 17462095 A 19950711

Abstract (en)

[origin: EP0753704A1] A cylindrical gas turbine combustor, burning injected fuel and guiding the combustion gas to turbine nozzles 14, is characterized in that a cylindrical portion of the combustor such as combustor liner 15, a transition piece 16, exposed to the combustion gas is made of austenitic Fe base casting alloy, Ni base casting alloy or Co base casting alloy. The gas turbine combustor which has excellent thermal fatigue and long life is obtained. A gas turbine employs the combustor. <IMAGE>

IPC 1-7

**F23R 3/00**; **C22C 38/10**

IPC 8 full level

**C22C 38/10** (2006.01); **F01D 5/28** (2006.01); **F02C 6/18** (2006.01); **F23R 3/00** (2006.01)

CPC (source: EP US)

**C22C 38/105** (2013.01 - EP US); **F01D 5/288** (2013.01 - EP US); **F02C 6/18** (2013.01 - EP US); **F23R 3/00** (2013.01 - EP US); **F23C 2900/03001** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US); **Y10S 60/902** (2013.01 - EP US)

Cited by

EP1106927A1; EP2354262A1; EP1925683A4; EP2050830A3; EP2383356A1; DE19959292A1; US9297277B2; US8668437B1; US8956471B2; US9567656B2; US7243426B2; WO0196712A1

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DOCDB simple family (application)

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